

which are contained in paragraphs (b), (c), and (d) of this section);

(b) Such operations shall be in accordance with Commission rules governing the service to which the frequencies involved are allocated;

(c) Such operations shall not cause harmful interference to non-Government stations and, should harmful interference result, that the interfering Government operation shall immediately terminate; and

(d) Government operation has been certified as necessary by the non-Government licensees involved and this certification has been furnished, in writing, to the Government agency with which communication is required.

§ 2.104 International Table of Frequency Allocations.

(a) The International Table of Frequency Allocations (columns 1, 2 and 3 of § 2.106) is included for informational purposes only.

(b) *Regions.* To facilitate the international allocating of the radio spectrum, the International Telecommunication Union (ITU) has divided the world into three Regions¹ as shown in Figure 1 and described below:

(1) Region 1 includes the area limited on the East by line A (lines A, B and C are defined below) and on the West by line B, excluding any of the territory of Iran which lies between these limits. It also includes that part of the territory of Turkey and the Union of Soviet Socialist Republics (U.S.S.R.) lying outside of these limits, the territory of the Mongolian Peoples' Republic, and the area to the North of the U.S.S.R. which lies between lines A and C.

(2) Region 2 includes the area limited on the East by line B and the West by line C.

(3) Region 3 includes the area limited on the East by line C and on the West by line A, except the territories of the Mongolian Peoples' Republic, Turkey, the territory of the U.S.S.R. and the area to the North of the U.S.S.R. It also includes that part of the territory of Iran lying outside of those limits.

¹It should be noted that where the words "region" or "regional" are without a capital "R", they do not relate to the three Regions here defined for purpose of frequency allocation.

(4) The lines A, B and C are defined as follows:

(i) Line A extends from the North Pole along meridian 40° West of Greenwich to parallel 40° North; thence by great circle arc to the intersection of meridian 60° East and the Tropic of Cancer; thence along the meridian 60° East to the South Pole.

(ii) Line B extends from the North Pole along meridian 10° West of Greenwich to its intersection with parallel 72° North; thence by great circle arc to the intersection of meridian 50° West and parallel 40° North; thence by great circle arc to the intersection of meridian 20° West and to the South Pole.

(iii) Line C extends from the North Pole by great circle arc to the intersection of parallel 65°30' North of the international boundary in Bering Strait; thence by great circle arc to the intersection of meridian 165° East of Greenwich and parallel 50° North; thence by great circle arc to the intersection of meridian 170° West and parallel 10° North; thence along parallel 10° North to its intersection with meridian 120° West; thence along meridian 120° West to the South Pole.

(c) *Areas.* To further assist in the international allocation of the radio spectrum, the ITU has established several special geographical areas and they are defined below.

(1) The "African Broadcasting Area" consists of:

(i) African countries, parts of countries, territories and groups of territories situated between the parallels 40° South and 30° North;

(ii) Islands in the Indian Ocean west of meridian 60° East of Greenwich, situated between the parallel 40° South and the great circle arc joining the points 45° East, 11°30' North and 60° East, 15° North; and

(iii) Islands in the Atlantic Ocean east of Line B, situated between the parallel 40° South and 30° North.

(2) The "European Broadcasting Area" is bounded on the West by the western boundary of Region 1, on the East by the meridian 40° East of Greenwich and on the South by the parallel 30° North so as to include the western part of the U.S.S.R., the northern part of Saudi Arabia and that part of those countries bordering the Mediterranean

within these limits. In addition, Iraq and Jordan are included in the European Broadcasting Area.

(3) The "European Maritime Area" is bounded to the north by a line extending along parallel 72° North from its intersection with meridian 55° East of Greenwich to its intersection with meridian 5° West, then along meridian 5° West to its intersection with parallel 67° North, thence along parallel 6° North to its intersection with meridian 32° West; to the west by a line extending along meridian 32° West to its intersection with parallel 30° North; to the south by a line extending along parallel 30° North to its intersection with meridian 43° East; to the east by a line extending along meridian 43° East to its intersection with parallel 60° North, thence along parallel 60° North to its intersection with meridian 55° East and thence along meridian 55° East to its intersection with parallel 72° North.

(4) The "Tropical Zone" (see Figure 1) is defined as:

(i) The whole of that area in Region 2 between the Tropics of Cancer and Capricorn;

(ii) The whole of that area in Region 1 and 3 contained between the parallel 30° North and 35° South with the addition of:

(iii) The area contained between the meridian 40° East and 80° East of Greenwich and the parallels 30° North and 40° and

(iv) That part of Libya North of parallel 30° North.

(v) In Region 2, the Tropical Zone may be extended to parallel 33° North, subject to special agreements between the countries concerned in that Region.

(5) A sub-Region is an area consisting of two or more countries in the same Region.

(d) *Categories of service.* (1) Any segment of the radio spectrum can be allocated to one or more radio services² either on a worldwide or Regional basis. In the case where an allocation has been made to more than one service,

such services are listed in the following order:

(i) Services the names of which are printed in "capitals" [example: FIXED]; these are called "primary" services;

(ii) Services, the names of which are printed in "capitals" between oblique strokes [example: /RADIOLOCATION/]; these are called "permitted" services;

(iii) Services, the names of which are printed in "normal characters" [example: Mobile]; these are called "secondary" services.

(2) Additional remarks pertaining to an allocation are printed in "normal characters" [example: MOBILE except aeronautical mobile].

(3) Permitted and primary services have equal rights, except that, in the preparation of frequency plans, the primary services, as compared with the permitted services, shall have prior choice of frequencies.

(4) *Stations of a secondary service:*

(i) Shall not cause harmful interference to stations of primary or permitted services to which frequencies are already assigned or to which frequencies may be assigned at a later date;

(ii) Cannot claim protection from harmful interference from stations of a primary or permitted service to which frequencies are already assigned or may be assigned at a later date;

(iii) Can claim protection, however, from harmful interference from stations of the same or other secondary service(s) to which frequencies may be assigned at a later date.

(5) Where a band is indicated in a footnote of the International Table (i.e., columns 1, 2, and 3 of § 2.106) as allocated to a service "on a secondary basis" in an area smaller than a Region, or in a particular country, this is a secondary service.

(6) Where a band is indicated in a footnote of the International Table as allocated to a service "on a primary basis", or "on a permitted basis" in an area smaller than a Region, or in a particular country, this is a primary service or a permitted service only in that area country.

(e) *Additional allocations.* (1) Where a band is indicated in a footnote of the International Table as "also allocated"

²Definitions of the various radio services used in columns 1 through 3 of § 2.106 are contained in § 2.1.

to a service in an area smaller than a Region, or in a particular country, this is an “additional” allocation, i.e., an allocation which is added in this country area or in this country to the service or services which are indicated in the International Table.

(2) If the footnote does not include any restriction on the service or services concerned apart from the restriction to operate only in a particular area or country, stations of this service or these services shall have equality of right to operate with stations of the other primary service or services indicated in the International Table.

(3) If restrictions are imposed on an additional allocation in addition to the restriction to operate only in a particular area or country, this is indicated in the footnote of the International Table.

(f) *Alternative allocations.* (1) Where a band is indicated in a footnote of the International Table as “allocated” to one or more services in an area smaller than a Region, or in a particular country, this is an “alternative” allocation, i.e., an allocation which replaces, in this area or in this country, the allocations indicated in the International Table.

(2) If the footnote does not include any restriction on stations of the service or services concerned, apart from the restriction to operate only in a particular area or country, these stations of such a service or services shall have an equality of right to operate with stations of the primary service or services, shall have an equality of right to operate with stations of the primary service or services, indicated in the International Table, to which the band is allocated in other areas or countries.

(3) If restrictions are imposed on stations of a service to which an alternative allocation is made, in addition to the restriction to operate only in a particular country or area, this is indicated in the footnote.

(g) *Miscellaneous provision.* (1) Where it is indicated that a service may oper-

ate in a specific frequency band subject to not causing harmful interference, this means also that this service cannot claim protection from harmful interference caused by other services to which the band is allocated under Chapter III of the international *Radio Regulations*.

(2) Except if otherwise specified in a footnote, the term *fixed service* does not include systems using ionospheric scatter propagation.

(h) *Format of the International Table.*

(1) The heading of the International Table includes three columns (columns number 1, 2 and 3 of §2.106), each of which corresponds to one of the Regions. Where an allocation occupies the whole of the width of the Table or only two of the three columns, this is a world-wide allocation or a Regional allocation, respectively.

(2) The frequency band referred to in each allocation is indicated in the left-hand top corner of the part of the Table concerned.

(3) Within each of the categories specified in paragraph (c)(1) of this section, services are listed in alphabetical order according to the French language.³ The order of listing does not indicate relative priority within each category.

(4) In the case where there is a parenthetical addition to an allocation in the International Table [example: FIXED-SATELLITE (space-to-earth)], that service allocation is restricted to the type of operation so indicated.

(5) The footnote references which appear in the International Table below the allocated service or services apply to the whole of the allocation concerned.

(6) The footnote references which appear to the right of the name of a service are applicable only to that particular service.

(7) In certain cases, the names of countries appearing in the footnotes have been simplified in order to shorten the text.

³French is used to keep this table consistent with the International Table as published by ITU.

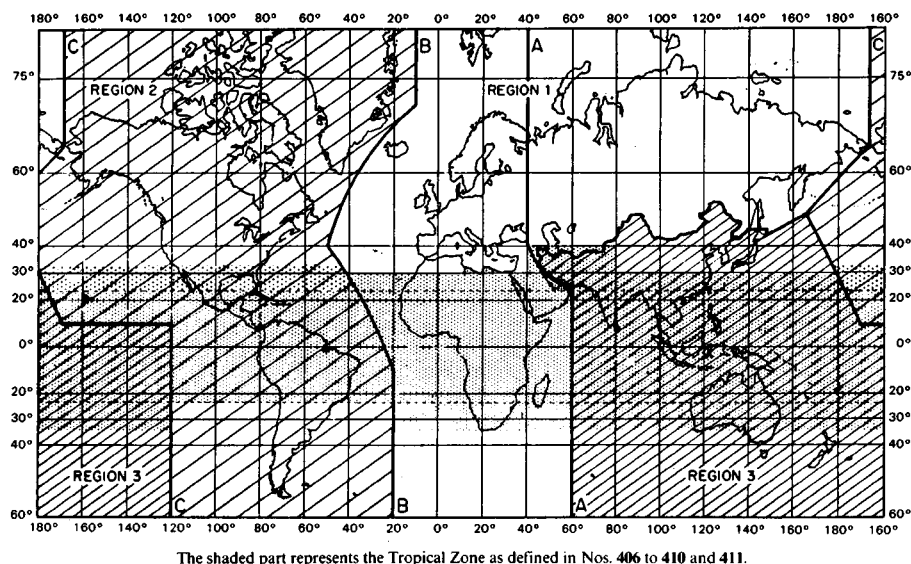


Figure 1. Chart of the International Regions and Zones as defined in the International Table of Frequency Allocations. [Note: The shaded part represents the Tropical Zone as defined by § 2.104b)(4).]
[49 FR 2373, Jan. 19, 1984, as amended at 54 FR 49981, Dec. 4, 1989; 61 FR 15384, Apr. 8, 1996]

§ 2.105 United States Table of Frequency Allocations.

(a) The United States Table of Frequency Allocations (columns 4 through 7 of § 2.106) is based on the International plan for Region 2 because the relevant area of jurisdiction is located primarily in Region 2¹ (i.e., the 50 States, the District of Columbia, the Caribbean insular areas² and some of the Pacific insular areas³).⁴ Because

¹See § 2.104(a)(1) for definition of Region 2.

²The Caribbean insular areas are: The Commonwealth of Puerto Rico; the unincorporated territory of the United States Virgin Islands; and Navassa Island, Quita Sueno Bank, Roncador Bank, Serrana Bank and Serranilla Bank.

³The Pacific insular areas located in Region 2 are: Johnston Island and Midway Island.

⁴The operation of stations in the Pacific insular areas located in Region 3 are generally governed by the International plan for Region 3 (i.e., column 3 of § 2.106). The Pacific insular areas located in Region 3 are: the Commonwealth of the Northern Mariana Islands; the unincorporated territory of American Samoa; the unincorporated territory of

there is a need to provide radio spectrum for both Federal government and non-Federal government operations, the United States Table is divided into the Government Table of Frequency Allocation and the Non-Government Table of Frequency Allocations. The Government plan, as shown in column 4 of § 2.106, is administered by the National Telecommunications and Information Administration (NTIA)⁵, whereas the non-Government plan, as shown in column 5 of § 2.106, is administered by the Federal Communications Commission (FCC)⁶.

(b) In the United States, radio spectrum may be allocated to either Government or non-Government use exclusively, or for shared use. In the case of

Guam; and Baker Island, Howland Island, Jarvis Island, Kingman Reef, Palmyra Island and Wake Island.

⁵Section 305(a) of the Communications Act of 1934, as amended; Executive Order 12046 (26 March 1978) and Department of Commerce Organization Order 10-10 (9 May 1979).

⁶The Communications Act of 1934, as amended.